



005468

Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

SWA10A-6
Job Sheet 172743



Part No: SWA10A-6

Job Qty: 1 ea

Part Name: Electric Swivel 10,000 lb Safe Work Load (4,536 kg)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/21/18

Job Tracking No:

Due Date: 4/27/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: SWA10A REV.3 IPP REV:A 18.02.20 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		4/26/18	0.00	0.00	Start Up Small Fab-2		MJD
110	Small Fab	1 pcs		4/27/18	0.00	2.00	Small Fab-6		7/28/18
120	QC	1 pcs		4/27/18	0.00	0.00	QC5		SB
130	Packaging	1 pcs		4/27/18	0.00	0.00	Packaging3		DAS
140	QC21-FG	1 Ea		4/27/18	0.00	0.00	QC21		21 SEP 17 2018

Part Op 110 - Assemble as per DWG. Sheet 1 ***All assembly to be done in accordance with SWA10A swivel manual*** Engrave Descriptions: T/N And / or S/N number as required Using Marktronic engraver as per DWG. Laser engrave dart logo as per DWG.
130 - Bag and tag

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/2	Set Screw	1 Ea (1 ea)	90-Start up Operation	5037670
188-FSCS-1032-5/8	Wire Clamp Screw	4 Ea (4 ea)	110-Small Fab	5038318
600.1319	Up Decal	1 Ea (1 ea)	110-Small Fab	5037066
C10-28	Swivel Bushing, C10/SWA10	1 Ea (1 ea)	110-Small Fab	5095933
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	110-Small Fab	5072988
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	110-Small Fab	5097889
EL616-ARTIC	6 Wire	1 (1 ea)	110-Small Fab	5047770
SWA10A-110	Lower End	1 Ea (1 ea)	110-Small Fab	5083652
SWA10A-1100	Upper DU Bearing	1 Ea (1 ea)	110-Small Fab	5097839
SWA10A-1200 P	Lower DU Bearing	1 Ea (1 ea)	110-Small Fab	5062772
SWA10A-1300	Roller Thrust Bearing	1 Ea (1 ea)	110-Small Fab	5066608
SWA10A-1400	Circlip	1 Ea (1 ea)	110-Small Fab	5077643
SWA10A-1800	Cover	1 Ea (1 ea)	110-Small Fab	5099112
SWA10A-210	Upper End Swivel	1 Ea (1 ea)	110-Small Fab	5010411
SWA10A-300	Bearing Housing	1 Ea (1 ea)	110-Small Fab	5098673
SWA10A-400	Thrust Washer	1 Ea (1 ea)	110-Small Fab	5098218
SWA10A-500	Semi-Rings	1 Ea (1 ea)	110-Small Fab	5068691
SWA10A-600	Collar	1 Ea (1 ea)	110-Small Fab	5101406
SWA10A-700A	Wire Clamp	2 (2 ea)	110-Small Fab	5047590
SWA6A-1900	Female Spade Terminal - 1/4"	8 Ea (8 ea)	110-Small Fab	5047603
SWA6A-2000	1/8" Female Spade Connector	4 Ea (4 ea)	110-Small Fab	5097409
SWA6A-800C	Connector Bushing	1 Ea (1 ea)	110-Small Fab E	5029421
SWA6A-900D	Rotary Contact	1 (1 ea)	110-Small Fab	5049654

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

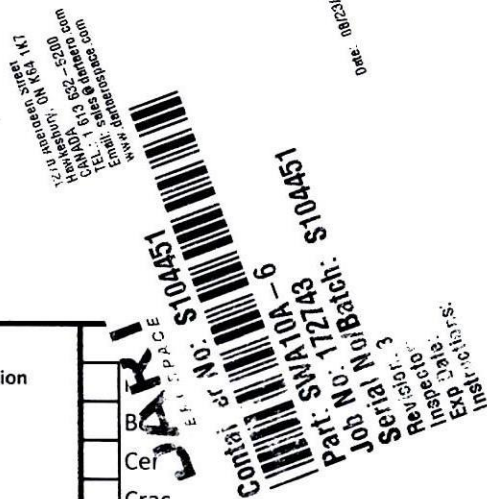


QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	Skid-tube ☐ Machining ☐ Thermal ☐	AGAINST COMPONENT/PROCESS Water Jet ☐ Engineering ☐ Prod. Eng. Coord. ☐ Quality ☐ Store/Packaging ☐ Other ☐ Supplier ☐																																																				
Date : _____ Step #: _____		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																					
Description Work Order Dev: _____																																																							

<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Root Cause</td> <td colspan="2"></td> </tr> <tr> <td style="width:15%;">Environment ☐</td> <td style="width:15%;">No Re-verification ☐</td> <td style="width:15%;">Power Loss/Surge ☐</td> <td style="width:15%;">Positioned Wrong ☐</td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> <td>Folio/Program ☐</td> <td>Outside Dimensions ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> <td>Grain ☐</td> <td>Over/Under tolerance ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> <td>Weld ☐</td> <td>Part Incorrect ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> <td>Wrong Stock Pulled ☐</td> <td>Part Lost/Missing ☐</td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> <td>Out of Sequence ☐</td> <td>Part Moved ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> <td>Off-set ☐</td> <td>Drawing ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> <td>Mislabeled ☐</td> <td>Finish ☐</td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> <td>Fit/Function ☐</td> <td>Misread ☐</td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> <td>Misaligned/off center ☐</td> <td>Turning Sequence ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> <td colspan="2"></td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> <td colspan="2"></td> </tr> </table>				Root Cause				Environment ☐	No Re-verification ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐			Misidentified ☐	Past Due ☐		
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OTHER : _____																																																							



Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation 110-Small Fab	188-FPSS-1032-1/2	1	100	0
	188-FSCS-1032-5/8	4	184	0
	600.1319	1	250	0
	C10-28	1	12	0
	EL-PLUG-F	1	38	0
	EL-PLUG-M	1	35	0
	EL616-ARTIC	1	0	0
	SWA10A-110	1	0	0
	SWA10A-1100	1	6	0
	SWA10A-1200	1	10	0
	SWA10A-1300	1	10	0
	SWA10A-1400	1	10	0
	SWA10A-1800	1	14	0
	SWA10A-210	1	0	0
	SWA10A-300	1	14	0
	SWA10A-400	1	0	0
	SWA10A-500	1	0	0
	SWA10A-600	1	16	0
	SWA10A-700A	2	0	0
	SWA6A-1900	8	88	0
	SWA6A-2000	4	100	0
	SWA6A-800C	1	0	0
	SWA6A-900D	1	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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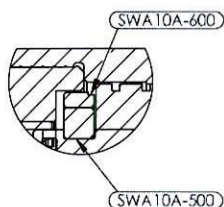
WITHOUT NOTICE

WORK ORDER

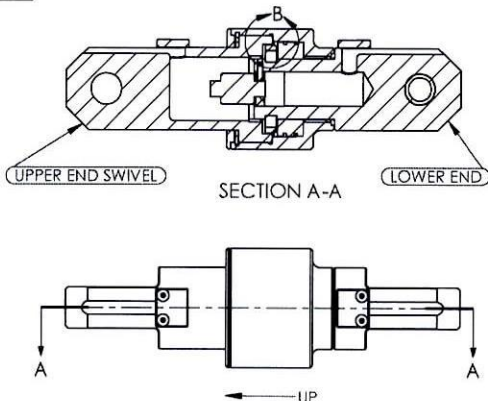
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1802-21

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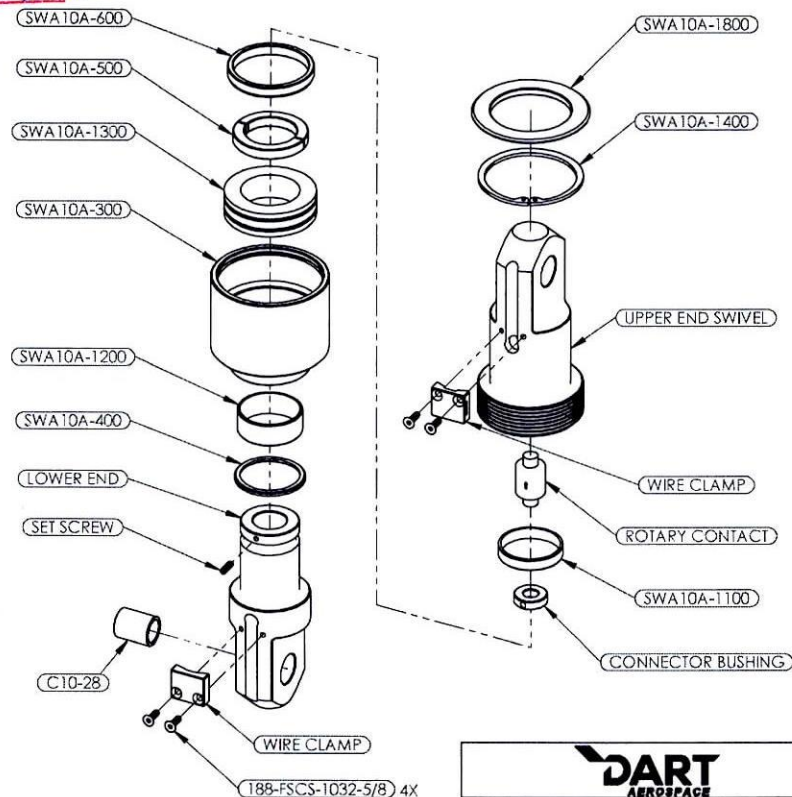


DETAIL B
SCALE 2:3



-2/ QTY.	-3/ QTY.	-4/ QTY.	-5/ QTY.	-6/ QTY.	-7/ QTY.	-8/ QTY.	Part #	Description	Material	B/O INFORMATION OR SPECIFICATIONS
1	1	1	1	1	1	1	SWA10A-100	LOWER END	SS 17-4 H1150/H1075	
1	1	1	1	1	1	1	SWA10A-110	LOWER END	SS 17-4 H1150/H1075	
1	1	1	1	1	1	1	SWA10A-200	UPPER END SWIVEL	SS 17-4 H1150/H1075	
1	1	1	1	1	1	1	SWA10A-210	UPPER END SWIVEL	SS 17-4 H1150/H1075	
1	1	1	1	1	1	1	SWA10A-300	BEARING HOUSING	SS 17-4 H1150/H1075	
1	1	1	1	1	1	1	SWA10A-400	THRUST WASHER	AL-8PCNZE 630	
1	1	1	1	1	1	1	SWA10A-500	SEMI-PLUGS	SS 17-4 H1150/H1075	
1	1	1	1	1	1	1	SWA10A-600	COLLAR	SS 17-4 H1150/H1075	
2	2	2	2	2	2	2	SWA10A-700	WIRE CLAMP	6061-T6	
1	1	1	1	1	1	1	SWA10A-700A	WIRE CLAMP	6061-T6	
1	1	1	1	1	1	1	SWA6A-800A	CONNECTOR BUSHING		
1	1	1	1	1	1	1	SWA6A-800B	CONNECTOR BUSHING		
1	1	1	1	1	1	1	SWA6A-800C	CONNECTOR BUSHING		
1	1	1	1	1	1	1	SWA6A-900A	ROTARY CONTACT	MERCOTAC #230	
1	1	1	1	1	1	1	SWA6A-900B	ROTARY CONTACT	MERCOTAC #330	
1	1	1	1	1	1	1	SWA6A-900C	ROTARY CONTACT	MERCOTAC #430	
1	1	1	1	1	1	1	SWA6A-900D	ROTARY CONTACT	MERCOTAC #630	
1	1	1	1	1	1	1	SWA6A-900E	ROTARY CONTACT	MERCOTAC #830	
1	1	1	1	1	1	1	SWA10A-1100	UPPER DU BEARING	BRONZE/ONLIFE TURNING	
1	1	1	1	1	1	1	SWA10A-1200	LOWER DU BEARING	(KAMAN M85920DU)	
1	1	1	1	1	1	1	SWA10A-1300	ROLLER THRUST BEARING	(KAMAN B1210TN)	
1	1	1	1	1	1	1	SWA10A-1400	CIRCLIP	(KAMAN N5000 350 SFF)	
1	1	1	1	1	1	1	SWA10A-1800	COVER	SS 17-4 H1150/H1075	
4	4	4	4	4	4	4	SWA6A-1900	1/4 FEMALE SPADE CONNECTOR	(MCMMASTER-CARR #69525K16)	
1	1	1	1	1	1	1	SWA6A-2000	1/8 FEMALE SPADE CONNECTOR	(MCMMASTER-CARR #69525K14)	
4	4	4	4	4	4	4	188-FSCS-1032-5/8	FLAT SOCKET CAP SCREW	S.S.	10-32 X 5/8 (MCMMASTER-CARR #92210A303)
1	1	1	1	1	1	1	188-FSCS-1032-3/8	SET SCREW	S.S.	10-32 X 3/8 (MCMMASTER-CARR #94355A335)
1	1	1	1	1	1	1	188-FSCS-1032-1/2	SET SCREW	S.S.	10-32 X 1/2 (MCMMASTER-CARR #94355A337)
1	1	1	1	1	1	1	188-FSCS-1032-5/8	SET SCREW	S.S.	10-32 X 5/8 (MCMMASTER-CARR #92911A430)
1	1	1	1	1	1	1	EL-PLUG-F	FEMALE PLUG	PE High Density	(MCMMASTER-CARR #7216A6)
1	1	1	1	1	1	1	EL-PLUG-M	MALE PLUG	PE High Density	(MCMMASTER-CARR #7216A5)
1	1	1	1	1	1	1	EL314-SJOW	3 WIRE	6 FT. (TEXCAN #EL 314-1; TOW 3/14)	
1	1	1	1	1	1	1	EL414-ARTIC	4 WIRE	6 FT. (TRUCK & AUTO SUPPLY #EL 414-ARTIC 4/14)	
1	1	1	1	1	1	1	EL616-ARTIC	6 WIRE	6 FT. (TRUCK & AUTO SUPPLY #EL 616-ARTIC)	
1	1	1	1	1	1	1	30806	8 WIRE	6 FT. (POLAR WIRE #30806)	
1	1	1	1	1	1	1	600.1319	UP DECAL		
1	1	1	1	1	1	1	C10-28	BUSHING	SAE 660 BRONZE	3/4 Ø SHAFT X 1.0 D X 1.1/4 (MCMMASTER-CARR #63011193) MOD.

REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		REPLACED ID DECAL 600.1319 WITH LASER ETCH	11/16/2012	JAG	
2	15-0146	UPDATED TO NEW DRAFTING STANDARDS. ADDED ENGRAVE NOTES AND DETAILS. SWA6A-1900 CHD QTY: ASSY-4 WAS 8 B 6, ASSY-5 WAS 12 B 8, ASSY-6 WAS 16 B 12. SWA6A-2000 ADDED P/N: ASSY-4 QTY 4, ASSY-6 QTY 4, ASSY-8 QTY 4, 188-FSCS-1032-3/8 ADDED P/N: ASSY-8 QTY 1. 188-FSCS-1032-1/2 ADDED P/N: ASSY-8 QTY 1. 188-FSCS-1032-5/8 CHD QTY 5, ASSY-6 WAS 1 B 0, ASSY-8 WAS 1 B 0. EL314-SJOW, EL414-ARTIC, EL616-ARTIC CHD QTY 5 WAS 6 B 1. ADDED 6 FT TO B/O INFO. ADDED REBUILD ONLY NOTE	6/16/2015	DPD	JAG
3	17-0090	ADDED NOTE 3, SHEET 1, CHD P/N WAS EL616-ARTIC (TRUCK & AUTO SUPPLY) B #30806 (POLAR WIRE). ADDED P/N C10-28.	5/31/2017	RJC	JAG



NOTES:

- FOR REBUILD ONLY.
- ALL ASSEMBLY TO BE DONE IN ACCORDANCE WITH SWA SWIVEL MANUAL.
- 8 WIRE STRIP OUTER JACKET & DOUBLE LAYER HEAT SHRINK.

DART AEROSPACE		SWA10A SWIVEL	
TITLE		REV 3	
DWG NO. SWA10A			
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES ± 12/10	
DRAWN BY: GILBERT		1. BREAK ALL SHARP EDGES R15 X 45° OR .0156	
CHECKED: DD 04/18/2017		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
GRPS APPR: AA 05/05/2017		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: JL 05/10/2017		USED ON MODEL	
APPROVED: JAG 06/02/2017			
SCALE 1:4	DATE 11/14/2012	SHEET 1 OF 2	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

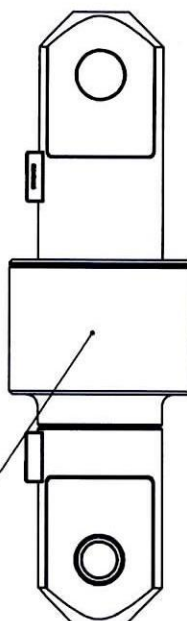
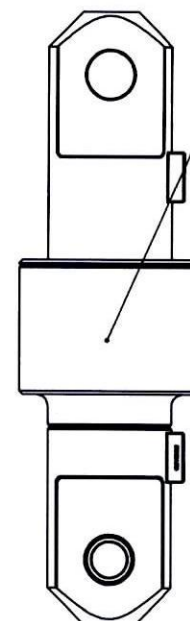
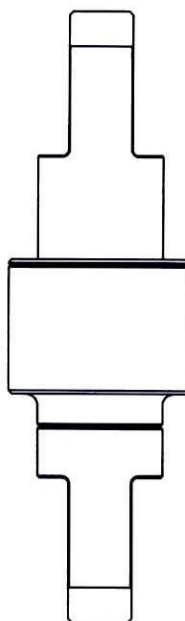
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



ENGRAVE P/N, S/N, SWL



LASER ENGRAVE DART LOGO

DART AEROSPACE	
TITLE SWA10A SWIVEL	
DWG NO. SWA10A	REV 3
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/√
SPEC	1. BREAK ALL SHARP EDGES
DRAWN BY: GILBERT	.015 x 45° OR .015R
CHECKED: DD 04/18/2017	2. DIMENSIONAL LIMITS APPLY
OPPS APPR: AA 05/05/2017	AFTER PLATING
QA APPR: JL 05/10/2017	3. INTERPRET DIM AND TOL PER
APPROVED: JAG 06/02/2017	ASME Y14.5M-2009
SCALE 1:4	USED ON MODEL
DATE 11/14/2012	SHEET 2 OF 2

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Work Order 172743

Customer _____

Number of Wires 6Date 27/08/2018Serial Number 5104451

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	10,000	Check for Conductivity against all wires.	Pass
1	10,000	Check all wires for grounding against swivel body.	Pass
1	5,000	Check for Conductivity against all wires.	Pass
1	5,000	Check all wires for grounding against swivel body.	Pass
1	2,500	Check for Conductivity against all wires.	Pass
1	2,500	Check all wires for grounding against swivel body.	Pass
1	0	Check for Conductivity against all wires.	Pass
1	0	Check all wires for grounding against swivel body.	Pass

Test Conducted By: Francis Laeroux

Technician

Signature: _____

QC5 Small FAB / QA

Submit